

SZANKA, Istvan, okleveles olajmérnök

Development of petroleum production at Nagylengyel. Bany  
lap 98 no.3:190-194 Mr '65.

1. Dunantul Petroleum and Natural Gas Producing Enterprise,  
Nagylengyel.

SZANKA, L.

"specific production problems of the oil occurrence at Nagylengyel." p. 48

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Eyesulet) Budapest,  
Hungary, Vol. 14, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959  
Uncl.

SZANKIEWICZ, KAROL

SZANKIEWICZ, Karol; TURSKI, Zbigniew; WROBLEWSKI, Bogdan

Modification of the Italian technic of plastic surgery. Polski  
przegl. chir. 26 no.7:607-610 July 54.

1. Z Wojskowego Ośrodku Chirurgii Urazowej i Ortopedii i z Kliniki  
Chirurgii Polowej Akademii Medycznej w Łodzi. Kierownik: dr  
K. Szaniewicz.

(SKIN TRANSPLANTATION,  
full thickness, technic)

KONOPACKA, B.; SZANKOWSKA, Z.

Alkaline phosphatase during the fertilization process and the  
early stages of development of *Nereis diversicolor* (M). *Folia  
morphol.* 21 no.4:4014-09 '62.

1. Zaklad Histologii i Embriologii, Wydzial Weterynarii, Szkoła  
Główna Gospodarstwa Wiejskiego, Warszawa. Kierownik: prof. dr  
K.Krysiak.

SZANKOWSKA, Zofia

Cytochemical studies on the oogenesis in *Salamandra maculosa* Laur.  
Pt. 1. *Folia morphol* 21 no.4:449-464 '62.

1. Katedra Anatomii Zwierząt, Wydział Weterynarii, Warszawa,  
Kierownik: prof. dr K. Krysiak, i Zakład Histologii i Embriologii,  
Wydział Weterynarii, Kierownik: prof. dr B. Konopacka.

✓

SZANTAI, I.

THE behavior of amino acids developed with ninhydrin in hydrochloric acid atmosphere.

P. 544 (REVISTA DE CHIMIE) (Bucuresti, Rumania) Vol. 8, no. 8, Aug. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

SZANTAI, I.; URAY, Z.; FARCASANU, M.; KOVACS, V.

Utilization of ion exchange resins and radiochromatography in  
biological chemistry research. Pts. 1-2. Studia Univ B-B S  
Chem 8 no.1:395-406 '63

1. Section of Nuclear Medicine, Cluj and "Babes-Bolyai"  
University, Cluj.

SZANTAI, J.; HOLAN, T.; FODOR, E.; CCTUL, S.

Some biochemical aspects of methionine metabolism in gastric  
and duodenal ulcers. Studii cerc biochimie 7 no.3:417-423 '64.

1. Nuclear Medical Center and Medical Clinic III, Cluj. Sub-  
mitted June 15, 1964.

SZANTAI, I.; URAY, Z.; KOVACS, V.

Observations relating to the isotopic exchange between iodinated amino acids and  $^{131}\text{I}$  on chromatographic paper. Studii cerc biochimie 8 no.1:81-83 '65.

1. Section of Nuclear Medicine, Medicopharmaceutical Institute, Cluj. Submitted October 20, 1964.

SZANTAI, I.; URAY, Z.; HOLAN, T.

Rapid method for determining the index of conversion of the  
mineral iodine in protein iodine marked with  $^{131}\text{I}$ . Studii  
cure biochimie 8 no.1:85-88 '65.

1. Section of Nuclear Medicine, Medicopharmaceutical Institute,  
Cluj. Submitted October 20, 1964.

SZANTAI, Janos, dr.; EGRESZY, Gyorgy

Technical and economic evaluation of prefabricated ferroconcrete floors. Magy ep ipar 13 no.6:329-334 '64.

SZANTAY, Balazs

Chem Abstr V48

1-25-54

Apparatus, plant  
equipment, and  
unit operations

✓ Rotating mixing devices for liquids. Balázs Szántay.  
Magyar Kém. Lapja 8, 231-40 (1953). Review of types  
suitable for mixing liquids. Principles of standardization  
of mixing app. are discussed. István Flinály

3

10-4-54  
10-4-54

SZANTAY, B.

Our results in designing devices for the chemical industry. p. 344  
MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyeslete) Budapest.  
Vol. 10 No.11 Nov. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, No. 6, June 1956

SZANTAY, B.

Remarks on Laszlo Tupta's article "The Situation and Tasks of the Machinery Industry of Chemical Industry." p. 112.

(Magyar Kemikusok Lapja. Vol. 12, no. 3, Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

SZANTAY, Balazs

Role of the chemical industry in the development of machinery  
manufacturing in the chemical industries. Musz elet 15 no.17:  
3,15 Ag '60. (EEAI 9:12)  
(Hungary--Chemical industries)

SZANTAY, Balazs

Applications of the shell theory in designing chemical apparatus from  
the point of view of the strength of materials. Gep 13 no.5:194-198  
My '61.

1. Vegyimuveket Tervezo Vallalat.

SZANTAY, Balazs

The Smith's high-pressure apparatus body and the computation of its strength. Gep 13 no.12:443-446 D '61.

1. Vegyimuveket Tervezo Vallalat.

SZANTAY, Balazs

Novelties at the ADMEMA exhibition in Frankfurt in the field of  
chemical industry machinery. Gep 14 no.2:59-63 F '62.

Vegyimuveket Tervezo Vallalat.

BAKOS, Miklos; SZEKERES, Gabor; LIENERTH, Aladar; FEHER, Zoltan; FUTO, Laszlo;  
SZANTAY, Balazs

An account of the 1961 Achema. I. Technological installations. (To be  
contd.) Magy kem lap 17 no.1:30-43 Ja '62.

1. Vegterv, es "Magyar Kemikusok Lapja" szerkesztosegi titkar (for  
Bakos). 2. "Magyar Kemikusok Lapja" foszerkesztoje(for Szekeres).

(Germany, West—Chemical engineering—Apparatus and supplies)

SZANTAY, Balazs, okleveles gépész mérnök

Guiding principles of designing chemical apparatus to be protected against corrosion. Gep 16 no.4:121-128 Ap '64.

1. Designing Enterprise for Chemical Plants, Budapest.

*Szantay, Ban. I.*

FODOR, O. Conf.; DORIAN, V.; SZANTAY, Ban. I.

Evaluation of the evolution of chronic hepatitis by complex clinical, histopathological and electrophoretic investigations. Med. int., Bucur. 10 no.3:351-359 Mar 58.

1. Clinica a III-a medicala I.M.F. Cluj, director acad. I. Hatieganu.

(HEPATITIS, diagnosis

clin., histopathol. & electrophoretic methods of determ.  
of evolution of dis.)

(BLOOD PROTEINS, in various diseases

hepatitis, chronic, diag. value of determ.)

(LIVER, pathology

biopsy in chronic hepatitis)

SZ ANTAY, Cs

## H U N G .

21. Experiments to produce 4,6-diamino-tetraoxybenzene and its derivatives (In German) — U. Zem-  
plén, L. Mester and Cs. Szántay, (Acta Clinica  
Academiae Scientiarum Hungaricarum — Vol. 4,  
1954, No. 1, pp. 85-88)

Starting from pyrogallic acid, the authors succeeded in preparing the mono and dinitro derivatives of 1,3-dimethoxy-2,5-diacetoxylbenzene by nitration of the diacetate of dimethoxy-hydroquinone. The reduction of these derivatives with dithion yielded 6-acetamino and 4,6-diacetamino-1,3-dimethoxy-2,5-diacetoxylbenzene. This latter compound is the first derivative to be prepared from the thus far unknown 4,6-diamino-tetraoxybenzene.

SZENTAY, G., B.M., D.

Synthesis of the analogue of salsoline; a preliminary communication.  
p. 346, (MAGYAR KEMIAI FOLYIRAT), Vol. 60, No. 11, Nov. 1954.

(Budapest, Hungary)

SO: Monthly List of East European Accessories, (EEAL) LC, Vol. 4,  
No. 5, May 1955, Uncl.

*Szántay, Cs.*

20. Sugar-containing derivatives of para-methoxy-benzaldehyde thiosemicarbazone (TB. II). (In German). - Zemplén, I., Mester, Cs., Szántay, Cs. *Acta Chimica Academiae Scientiarum Hungaricae*, Vol. 8, 1955, No. 1-3, pp. 139-142, 1 tab.

The glucoside derivatives of the thiosemicarbazones of the following compounds were prepared: *para*-hydroxy-benzaldehyde, vanillin and isovanillin. The anti-

tubercular activity of these compounds was compared with that of *para*-methoxy-benzaldehyde thiosemicarbazone (TB. II). It was found that although these compounds were more soluble than TB. II their biological activity was reduced by the introduction of the sugar moiety into the molecule.

Szantay, C.

~~11~~ Nitroparaffins. János Oláh and Csaba Szántay. (Tech. Univ. Budapest). Magyar Kém. Lapja 11, 1-17 (1970).  
- A review with 35 references.

4  
2 May  
JF

SZANTAY, Cs.  
HUNGARY/Organic Chemistry - Synthetic Organic Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46701  
Author : D. Beke, Cs. Szantay  
Inst : Academy of Sciences of Hungary  
Title : Behavior of Opianic Acid in Presence of Decarboxylating  
and Dealkylating Reagents.  
Orig Pub : Acta chim. Acad. sci. hung., 1957, 12, No 3-4, 275-281  
Abstract : See RZhKhim, 1957, 71571.

Card 1/1

7  
3  
V Reactions of phenol ethers with reactants of the type-  
MX. I. Selective cleavage of ethers by aluminum chloride. Cs. Szentay (Tech. Univ., Budapest). *Acta Chim. Acad. Sci. Hung.* 12, 83-91 (1957).—AlCl<sub>3</sub> is a sensitive reagent for detg. differences in nucleophilic reactivity between phenol ethers. In order of increasing reactivity are OMe, OEt, CHO, OPr-iso. ArCHO-AlCl<sub>3</sub> have high  $\alpha$  electron-density in the  $\alpha$ -position than in the  $m$ -position as compared to ArCHO. The phenol ethers were stirred at 80° with AlCl<sub>3</sub> in dry thiophene-free C<sub>6</sub>H<sub>6</sub> 5 hrs., treated with ice and concd. HCl, the pptd. product, if any, septd., and the C<sub>6</sub>H<sub>6</sub> soln. made basic with NaOH, washed, dried, and evapd. Results obtained from 3,4-RO(R'O)C<sub>6</sub>H<sub>4</sub>CHO were (R, % cleavage RO, R', % cleavage R'O, moles AlCl<sub>3</sub>, moles added PhCHO, and % yield given): Me, —, Me, —, 1, —; Me, 20, Me, 80, 2, —, 90.5; Me, —, iMe, —, 2, 1, —; Et, —, Me, —, 1, —, —; Et, 100, Me, —, 2, —, 95; Me, —, Et, 100, 2, —, 89; Et, 100, Me, —, 2, 1, 1.8; iso-Pr, 100, Me, —, 1, —, 78; Me, —, iso-Pr, 100, 1, —, 55; iso-Pr, 100, Me, —, 1, 1, 40; Et, 78, Et, 21, 2, —, 95; Pr, 65, Pr, 32.5, 2, —, 95; iso-Pr, 100, iso-Pr, 100, 2, —, 80. The addn. of PhCHO effects removal of 1 mole AlCl<sub>3</sub> from the reaction. Similar treatment of catechol diethers with AlCl<sub>3</sub> caused cleavage of only one ether group. Et or iso-Pr cleaved in preference to Me groups and 2 moles AlCl<sub>3</sub> gave better yields than one. It was presumed that AlCl<sub>3</sub> cleavage of OMe occurred by S<sub>N</sub>2 mechanism since no PhMe can be recovered from the reaction of AlCl<sub>3</sub> on veratric aldehyde. The mechanism for the other groups is S<sub>N</sub>1. Claire Bluestein

SZANTAY, CS, BKE, D.

Synthesis of salsoline analogs. p. 67.

(Magyar Kemial Folyoirat. Vol. 63, no. 2/3, Feb./Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

SZANTAY, CS.

Science

"MAGYAR KEMIAI FOLYOIRAT"

Synthesis of new pharmacologically-effective 1-amino-1-(3-phthalidyl)-alkanes. p. 392

Vol. 64, No. 10, Oct. 1958

Monthly List of East European Accessions (EAI), LC, Vol. 8, No. 4, April 1959  
Uncles.

Distr: 4E2c(j)/4E3d/4E3b

The preparation and some physical properties of poly-(nitroethylene).<sup>1</sup> Csaba Szántay, János Gáber, and Lajos Kiss (Műszaki Egyetem Ipari Szerveskémiai Tanszéke, Budapest, Hung.). *Műszaki Közlemények* 46, 468-70 (1968).—The title compd. (I) was prep'd. from  $\text{MeNO}_2$  (II) through  $\text{O}_2\text{NCH}_2\text{CH}_2\text{OH}$  (III) and  $\text{O}_2\text{NCH}_2\text{CH}_2$  (IV). For the prepn. of III the app. of Haya (CA 47, 493g) was applied with inantile contg.  $\text{H}_2\text{O}$  at 80°. To a mixt. of 163 g. II and of a nonvolatile org. acid being equiv. to the alkali used as catalyst, 86.5 g. of 35%  $\text{CH}_3\text{O}$  soln. was added, and the mixt. was made alk. to pH 10 with 10% NaOH, at a rate of 16-20 drops/min. at 120 mm. and 46-8°. The oil bath used for boiling II was kept at 130-5°. After distg. the remaining II and  $\text{H}_2\text{O}$  74 g. crude III was obtained. A mixt. of 80 g. crude III and 160 g. phthalic anhydride was kept at 160-5°/80 mm. until homogeneous, then IV distd. at 175° (39 g. after drying with  $\text{CaCl}_2$ ). IV (39 g.) was dropped into 500 ml.  $\text{H}_2\text{O}$  during 15 min. with stirring at room temp. to give 39 g. I. About 4-6% I dissolved in  $\text{Me}_2\text{CO}$  and had a mol. wt. of 1200-1400 as detd. by the modified Barjier method. In cyclohexanone the av. mol. wt. was found to be 8000. In the following list the explosion heat in kcal./kg., the working capacity (Trautzl value) in ml., and the striking sensibility (2 kg.; 7.08 mm.; 50%) in cm. are given: Hg fulminate, 429, 150, 5; trinitrotoluene, 925, 205, 50-60;  $\text{NH}_4\text{NO}_3$ , 348, 165, 180-200; black gunpowder, 710, 30, 85-120; I, 720, 114, 70-90; 67% I + 33%  $\text{NH}_4\text{NO}_3$ , 858, 275, —; 50% I + 50%  $\text{NH}_4\text{NO}_3$ , —, 349, —; 34% I + 66%  $\text{NH}_4\text{NO}_3$ , 1087, —, —; 20% I + 80%  $\text{NH}_4\text{NO}_3$ , 1212, 289, —. The explosive properties of I were improved by adding  $\text{NH}_4\text{NO}_3$ . The max. of the combustion heat was obtained at 85%  $\text{NH}_4\text{NO}_3$  content, that of the working capacity at 55%.

E. Kasztrenik

5  
Now (GW)  
1-jug (NR)

3

SZANTAY, L.

Science

"MACYAR KEMIAI FOLYCIRAT"

Insecticides containing aliphatic nitro group. II. Some DDT analogues. p. 470

Vol. 64, No. 12, Dec. 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959  
Unclassified

BEKE, Denes, Prof. (Budapest); SZANTAY, Csaba (Budapest); BARCZAI, Marietta B. (Budapest)

Contribution to the chemistry of heterocyclic pseudobasic amino-carbinols. XIV. Molecular compounds of quaternary 3,4-dihydroisoquinoline salts. In German. Acta chimica Hung. 21 no.2:153-158 '59.  
(EBAI 9:4)

1. Institute of Organic Chemistry, Technical University, Budapest.  
(Heterocyclic compounds) (Dihydroisoquinoline) (Amine alcohols)

BEKE, D., prof. (Budapest); SZANTAI, Cs. (Budapest); TOKE, L. (Budapest)

Contributions to the chemistry of heterocyclic pseudobasic  
aminocarbinols. XV. The dissociation grade of cotarnine and some  
analogous compounds. Periodica polytechn chem 3 no.3:177-185 '59.  
(HEAI 9:6)

1. Institut fur Organische Chemie der Technischen Universitat,  
Budapest.

(Heterocyclic compounds) (Amino alcohols)

SZANTAY, CSABA

Distr: 4E2c(j)/4E3d

S  
BW(BW)  
JAS(NB)

Chemistry of heterocyclic pseudobasic amino carbinals.  
 XIV. Molecular compounds of quaternary salts of 3,4-dihydroisoquinoline. I. Dénes Beke, Csaba Szántay, and Márta B. Berczi (Tech. Univ. Budapest, Hung.). Magyar Kém. Folyóirat 65, 403-6 (1959); cf. CA 54, 24837e. — 3,4-Dihydroisoquinoline (I) as well as its derivs., substituted on the aromatic ring, gave mol. compds., contg. 1 mole of a tertiary and 1 mole quaternary compd., with an equimolar amt. of  $2,4-(O_2N)_2C_6H_3Cl$  (II) and acyl chlorides, resp., in good yields. On adding  $H_2O$  to these compds.  $N$ -(2,4-dinitrophenyl) or  $N$ -acyl derivs. of 2-( $\beta$ -aminoethyl)benzaldehyde, and the hydrochloride of the starting bases were obtained. 6,7-Dimethoxy-3,4-dihydroisoquinoline (III) (3.68 g.) in 60 cc. dry  $Et_2O$  was added to 3.78 g. II in 30 cc. dry  $Et_2O$ . After keeping the soln. overnight, yellow crystals sepd., which were repeatedly extd. with boiling  $Et_2O$ . The mol. compd. (IV), formed from III and  $N$ -(2,4-dinitrophenyl)-6,7-dimethoxy-3,4-dihydroisoquinolinium chloride, m. 189°, remained undissolved, while 1.87 g. II was extd. with  $Et_2O$ . With 2 moles III and 1 mole II, the same product was obtained. Similarly, a deriv. (V), m. 187-8°, from II and the 6,7-methylenedioxy-8-methoxy deriv. (VI) of I, m. 80-100°, from II and I, a deriv. (VII), m. 80-120°, from III and  $BiCl_3$ , and a deriv. (VIII), m. 90-110°, from III and  $\beta$ - $O_2NC_6H_4COCl$ , were obtained. IV (5.85 g.) mixed with 30 cc.  $H_2O$ , stirred 10 min., and filtered gave yellow 4,5-dimethoxy-2-[ $\beta$ - $N$ -(2,4-dinitrophenyl)aminocethyl]benzaldehyde, m. 212-13° (aq.  $Me_2CO$ ), insol. in dil. mineral acids; phenylhydrazone m. 180-7°. From the filtrate III.HCl was recovered. Similarly, from V, VI, VII, and VIII the corresponding benzaldehyde derivs. (IX, X, XI, and XII, resp.) were prep'd., m. 218-19°, 170°, 140-7°, and 157-8°, resp. The phenylhydrazone of IX m. 205-6°, that of X m. 810-7°, and that of XII m. 189-91°. The anil of XI m. 149°.

T. Saito

DEKE, Denes; SZANTAY, Csaba; TOKE, Laszlo

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.  
XV. Determination of the dissociation grade of cotarnine and some  
analogue compounds. Magy kem folyoir 66 no.2:66-70 F '60.

1. Budapesti Muszaki Egyetem Szerves-Kemiai Tanszeke. 2. "Magyar  
Kemai Folyoirat" szerkeszto bizottsagi tagja (for Beke).

BEKE, D., prof. (Budapest); SZANTAY, Cs. (Budapest); BARCZAI, M.B. (Budapest)

Contribution to the chemistry of heterocyclic pseudobasic aminocarbinols.  
XVII. Quantitative determination of pseudobasic aminocarbinols and  
their dimolecular ether by means of the Karl Fischer solution. Periodica  
polytechn chem 4 no.4:329-334 '60. (EEAI 10:5)

1. Institut fur Organische Chemie, Technische Universitat, Budapest.  
(Heterocyclic compounds) (Amino alcohols)  
(Solutions) (Pyridine)

BEKE, Denes; SZANTAY, Csaba; B. BARCZAI, Marietta

Data on the chemistry of heterocyclic, pseudobasic amino carbinols. XVI. Comparative kinetic investigation of the reaction of cotarnine as well as some aromatic aldehydes with hydrogen cyanides. Magy kem folyoir 67 no.3:108-112 Mr '61.

1. Muszaki Egyetem Szerves Kemial Tanszeke, Budapest.

BEKE, Denes; SZANTAY, Csaba; E. HARCAZAI, Marietta

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.  
XVII. Quantitative determination of pseudobasic amino carbinols  
and their ethers formed by themselves through the Kárl Fischer  
reagent. Magy kem folyoir 67 no.3:112-115 Mr '61.

1. Muszaki Egyetem Szerves Kemiai Tanszeke, Budapest.

BEKE, Denes; SZANTAY, Csaba

Data on the chemistry of the heterocyclic, pseudobasic amino carbinols. XVIII. Structure and tautomerism of pseudobases obtainable from 2-(2,4-dinitrophenyl)-isoquinolinechloride. Magy kem folyoir 67 no.4;176-180 Ap '61.

1. Budapesti Muszaki Egyetem Szerves-Kemiai Tanszéké 2. "Magyar Kemiai Folyoirat" szerkeszeti bizottsági tagja (for Beke).

SZANTAY, Csaba, dr.

Dr.Denes Beke, 1911-1962; an obituary. Magy kem lar 17 no.4:150  
Ap '62.

SZANTAY, Csaba, kandidatus

An account of my study trip to the German Democratic Republic.  
Kem tud kozl 18 no.3:555-558 '62.

1. Budapesti Műszaki Egyetem Szerves Kémiai Tanszeke.

SZANTAY, Csaba; SZEGHY, Lajos; BEKE, Denes

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.  
XXII. Investigations for detecting the hypothetical amino-aldehyde  
forms on the ground of the II. rate amino group reactions. Magy  
kem folycir 68 no.6:240-243 Je '62.

1. Budapesti Muszaki Egyetem Szerves-Kemiai Tanszeke.

FODOR, Gabor, akademikus; BEKE, Denesne; BITE, Pal, kandidatus; DOBO, Pal;  
FARKAS, Lorant, kandidatus; F. VARGA, Eva; LEMPERT, Karoly, kandidatus;  
OTVOS, Laszlo, kandidatus; SZANTAY, Csaba, kandidatus; URESCH, Ferenc

An account of the Prague Symposium on Natural Organic Compounds.  
Kem tud kozl MTA 19 no.1:95-103 '63.

1. Magyar Tudomanyos Akademia Sztereokemiai Kutato Csoportja,  
Budapest (for Fodor, Beke, Lempert, Otvos, Uresch). 2. Magyar  
Tudomanyos Akademia Kemiai Tudomanyok Osztalya (for Bite, Dobo,  
Farkas, F. Varga, Szantay). 3. "A Magyar Tudomanyos Akademia  
Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi  
tagja (for Fodor).

SZANTAY, Cs. (Budapest, XI., Gellert ter 4); SZEGHY, L. (Budapest, XI., Gellert ter 4); BEKE, M., prof. (Budapest, XI., Gellert ter 4)

Contributions to the chemistry of heterocyclic, pseudobasic aminocarbonyls. XXII. Periodica polytechn chem 6 no.2: 113-120 '62.

1. Institut fur Organische Chemie der Technischen Universitat, Budapest.

SZANTAY, Csaba

Exchange reactions of halogens with aliphatic bond. Magy  
kem lap 18 no.2/3:90-98 F-Mr '63.

1. Budapesti Műszaki Egyetem Szerves Kemiai Tanszéke.

ERDEY-GRUZ, Tibor, akademikus; DABRONAKI, Gyula, dr.; FODOR, Gyorgy, dr.; KOCZOR, Istvan; KORANYI, Gyorgy, a kemial tudomanyok doktora; LORINC Imre, a kemial tudomanyok kandidatusa; SZEKERES, Gabor, dr.; PILLICH, Lajos, fomernok; PURMAN, Jeno; SZANTAY, Csaba, akemial tudomanyok kandidatusa; SZANTO, Istvan, dr., a kemial tudomanyok kandidatusa; TOROK, Gabor, a kemial tudomanyok doktora

Report of the Board of the Department of Chemical Sciences,  
Hungarian Academy of Sciences. Kem tud kozl MTA 20 no. 2:139-  
198 '63.

1. Magyar Tudomanyos Akademia Kemial Tudomanyok Osztalya titkara; "A Magyar Tudomanyos Akademia Kemial Tudomanyok Osztalyanak Kozlemenyei" szerkesztoje (for Erdey-Gruz).
2. Elelmezesugyi miniszter elso helyettese (for Dabronaki).
3. Tiszai Vegyi Kombinat igazgatoja (for Fodor). 4. Szerves Vegyipari Kutato Intezet igazgatoja (for Koczor). 5. Nehezvegyipari Kutato Intezet igazgatoja (for Koranyi). 6. Nehezipari miniszter helyettese (for Lorinc). 7. Kobanyai Gyogyszerarugyar (for Pillich). 8. Nehezipari Miniszterium foosztalyvezetoje (for Purman). 9. Akademiai Alkaloidkemiai Kutato Csoport(for Szantay). 10. Bernetei Vegyimuvek igazgatoja (for Szanto).

**SZANTAY, Csaba, kandidatusa**

Report on the discussion of the dissertation prepared by Pal  
Kriston for obtaining the title of candidate of chemical sciences.  
Kem tud kozl MTA 20 no.2:292-296 '63.

SZANTAY, Csaba; SCHMITZ, Ernst

Hydrolysis of diaziridines. Magy kem folyoir 69 no.7:292-296 Jl  
'63.

1. Budapesti Műszaki Egyetem Szerves-Kémiai Tanszéke (for Szantay).
2. Institut für Organische Chemie der Deutschen Akademie der Wissenschaften, Berlin-Adlershof (for Schmitz).

HUNGARY

SZANTAY, Csaba, NOVAK, Lajos; Technological University of Budapest, Department of Organic Chemistry (Budapesti Műszaki Egyetem Szerves-Kémiai Tanszék).

"Data on the Chemistry of Heterocyclic, Pseudobasic Aminocarbinols, XXV. Redox Processes of Bases Liberated From bis-(3,4-dihydro-isoquinolinium)Salts."

Budapest, Mátyar Kemiai Folyoirat, Vol 69, No 8, Aug 1963, pages 366-370.

Abstract: [Authors' Hungarian summary] It has been established by the authors that the bases which can be liberated from 2,2'-polymethylene-bis-(6,7-dimethoxy-3,4-dihydro-isoquinoline)salts exhibit redox processes of various types depending on the number of methylene groups present. Derivatives which contain 2-3 methylene groups undergo an intramolecular redox reaction which is independent of the OH<sup>-</sup> concentration but is influenced by the quality of the cation of the base used. Compounds containing four or more methylene groups undergo an intermolecular type of reaction which is independent of the cation quality but is influenced by the OH<sup>-</sup> ion concentration. 15 Western, 2 Hungarian references.

1/1

SZANTAY, Csaba; ROHALY, Janos

Formation of unsaturated ketones during the Mannich reactions  
of substituted acetic acids. Magy kem folyoir 69 no.9:390-392  
S '63.

1. Budapesti Muszaki Egyetem Szerves-Kemiai Tanszeke.

SZANTAY, Csaba; ROHALY, János

Data on the chemistry of heterocyclic, pseudobasic amino  
carbinols. Pt.27. Magy kem folyoir 70 no.11:478-486 N '64.

1. Chair of Organic Chemistry, Budapest Technical University.

SZANTAY, Csaba, dr. (Budapest, XI., Gellert ter 4); KODALY, János (Budapest, XI.,  
Gellert ter 4)

Technical preparation of 5,6-dimethylbenzimidazoles. Periodica poly-  
techn chem 8 no.1:9-13 '64.

1. Lehrstuhl fur Organische Chemie, Technische Universität, Budapest.  
Vorgelegt von Lehrstuhlleiter Dr. K. Lemperl.

L 16627-66 EWP(j) JW/RM

ACC NR: AP6008873

SOURCE CODE: HU/0005/65/071/005/0205/0210

43.

38/

55.

AUTHOR: Szantay, Csaba; Szabo, Lajos

ORG: Department of Organic Chemistry, Technical University, Budapest (Muzeaki)  
Egyetem Szerves-Kemiai TanszekeTITLE: Data on the chemistry of heterocyclic, pseudobasic aminocarbinols. Part 28:  
Formation of a novel-type heterocyclic ring system by means of 1,3-dipole  
cycloaddition in the alkaline treatment of 1-hydroxy-2-(2,4-dinitrophenyl)-  
isoquinoline

SOURCE: Magyar kemiai folyoirat, v. 71, no. 5, 1965, 205-210

TOPIC TAGS: heterocyclic base compound, nonmetallic organic derivative, cyclic  
group, hydrolysis, organic synthetic process, chemical decomposition

Alkaline

ABSTRACT:  
hydrolysis of 1-hydroxy-2-(2,4-dinitrophenyl)-isoquinoline (in the presence  
of catalytic quantities of strong alkali) resulted in the formation of a  
benzoxazepine derivative, representing a novel type of heterocycle. The  
course of the reaction was investigated and the structure of the reaction  
products was established by decomposition and synthesis. The authors thank  
Professor R. Huisgen of Munich for discussions on the compounds, Simon Falne,

2

Card 1/2

L 16627-66

ACC NR: AP6008873

Balogh Laszlo, and Viszt Jozsefne for the microanalysis. Further thanks is extended to Sandor Holly and Pal Sohar for the IR spectral photos and evalution. Thanks is also given to Miklos Illes for technical assistance and to the Hungarian Academy of Sciences for support. Orig. art. has: 5 figures. [JPRS] 5

SUB CODE: 07 / SUBM DATE: 27Aug64 / ORIG REF: 002 / OTH REF: 004

TS  
Card 2/2

L 16628-66 EWP(j) JW/RM

SOURCE CODE: HU/0005/65/071/005/0210/0216

ACC NR: AP6008874

AUTHOR: Szantay, Csaba; Szabo, Lajos

ORG: Department of Organic Chemistry, Technical University, Budapest (Muszaki Egyetem Szerves-Kemiai Tanszeke)

TITLE: Data on the chemistry of heterocyclic, pseudobasic aminocarbinols, Part 29: Structure of the bases capable of being liberated from substituted 2-(2',4'-dinitrophenyl)-isoquinolinium salts

SOURCE: Magyar kemiai folyoirat, v. 71, no. 5, 1965, 210-216

TOPIC TAGS: heterocyclic base compound, nonmetallic organic derivative, oxidation reduction reaction

ABSTRACT: The structures of the bases obtained by quaternization with 2,4-dinitrochlorobenzene from 1-cyano-, 1-hydroxy-, 1-alkoxy-, 5,5-dinitro-, and 1-oxo- derivatives of 2-(2',4'-dinitrophenyl)-isoquinolinium salts were determined. In most instances oxidation-reduction reactions took place; oxo-cyclo-tautomery was observed only in a few instances. The authors thank Balogh Laszlo, Viszt Jozsef, and Simon Palne for the microanalysis, M. Illes for the technical assistance, and the Hungarian Academy of Sciences for

Card 1/2

L 16628-66

ACC NR: AP6008874

support. Orig. art. has: 4 figures and 7 tables. *[JPRS]*

SUB CODE: 07 / SUBM DATE: 27Aug64 / ORIG REF: 002 / OTH REF: 001

*AK*  
Card 2/2

SZANTAI, I.; GHERMAN, Cornelia

Decontamination device for radioisotope laboratories. Rev chimie  
Min petr 14 no.3:161-163 Mr '63.

FODOR, O., prof.; SURIANU, P., dr.; TRAGOR, S., dr.; COTUL, S., dr.;  
SZANTAY, I., dr.; HOLAN, T., dr.; FARCASAN, M., dr.

Further clinical and biochemical verifications of the therapeutic  
action of aspartic acid in chronic hepatitis. Med. intern. 15  
no.4:463-472 Ap '63.

1. Lucrare efectuata in Clinica a III-a medicala, Cluj (director:  
prof. O. Fodor).

(HEPATITIS) (ASPARTIC ACID)  
(ASPARAGINE) (DIURESIS)  
(BLOOD PROTEINS) (ALANINE AMINOTRANSFERASE)

BOZANTAT, I., HOLAN, T., dr.

Double protection hood for handling radioactive substances.  
Rev chimie Min petr 15 no. 3: 161-162 Mr '64.

1. Sectia de medicina a Institutului medico-faraceutic,  
Cluj (for Holan).

FODOR, O.; DUMITRASCU, D.; BADEA, Gh.; BAN. A.; TRAGOR, S.; CALU, C.;  
SZANTAY, I.

Adaptive and pathological changes in the jejunum and ileum  
after stomach surgery. Stud. cercet. med. intern. 5 no.2:167-  
172 '64

EXCERPTA MEDICA Sec 2 Vol 12/6 Physiology June 59

2043. A RAPID CHROMATOGRAPHIC METHOD WITH ROUND FILTERS FOR  
SEPARATION OF BILE PIGMENT DERIVATIVES - Gyors körkromatográ-  
fiás eljárás epefestékszármazékok szétválasztására - Szántay J. and  
Braun T. Kolozsvári Orvostud. és Gyógyszerészeti Int. III sz. Belklin.,  
Valamint Marosvásárhelyi Orvostud. és Gyógyszerészeti Int. Fertőzö Klin. -  
KISÉRL. ORVOSTUD. 1958, 10/4 (433-436) Tables 1 Illus. 3

This method, based on Baumgärtel's mesobiliviolin reaction, is rapid and simple  
and is suitable for serial clinical tests. Essentially it is a technically modified  
version of elements of Goppelsroeder capillary analysis combined with those of  
modern paper chromatography. At room temperature and under exposure to air  
the oxidation product of urobilinogen can be satisfactorily separated from the iron  
complex of stercobilin by the use of the pyridine solvent recommended by Beck  
mann. This renders the use of chromatographic apparatus unnecessary.

RUMANIA/Human and Animal Physiology (Normal and Pathological)  
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 2633<sup>4</sup>

Author : Fodor, O., Schwartz, M., Szantay, I.

Inst :

Title : Ariboflavinosis. Clinical Investigations.

Orig Pub : Med. interna, 1958, 10, No 6, 845-853

Abstract : In patients with expressed symptoms of ariboflavinosis (AR) and with endogenic insufficiency of riboflavin (R) accompanying, in a majority of cases, a basic disease (anemia, achlorhydria, gastrectomy), the connections between clinical manifestations of AR and R metabolism (with and without loading with R), as well as Fe content in blood and gastric secretion were studied. In majority of cases (16 of 18), a correspondence between clinical manifestations of AR and decreased spontaneous introduction of R was noted. The test with R loading, according

Card 1/2

RUMANIA/Human and Animal Physiology (Normal and Pathological)  
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 2633<sup>4</sup>

to the opinion of the authors, is not sufficiently convincing for evaluation of the state of R insufficiency. Complex replacement therapy and application of Fe and R in indicated conditions of AR gave good results.

Card 2/2

DEREVENKO, V.; SZANTAY, J.; DEREVENKO, P.

Determination of the adrenal gland function with  $P^{32}$ . Kiserl. Orvostud.  
15 no.2:113-118 Ap '63.

1. A Cluj-Kolozsvari 2. sz. Klinikai tomb Nuklearis Orvosi osztalya,  
valamint a Cluj-Kolozsvari Elettani Intezet.  
(ADRENAL GLANDS) (CORTICOTROPIN) (ASCORBIC ACID)  
(EPINEPHRINE) (ERYTHROCYTES) (PHOSPHORUS ISOTOPES)

GLIGORE, V.; GOZARIU, L.; GHERMAN, Gr.; LUCACIU, O.; HOLAN, T.; SZANTAY, L.;  
FARCASAN, M.

Changes in the function of hepato-cellular uptake of S-35 labelled  
methionine in patients with hyperfolliculinism. Stud. cercet. endocr.

14 no.2:264-266 '63.

(ESTROGENS) (LIVER) (METHIONINE) (METABOLISM)  
(SULFUR ISOTOPES) (LIVER FUNCTION TESTS)

SZANTHA, Janos

Microbiological investigation of restaurants with special reference  
to the onset of contamination of food after initial infection.  
Nepegeszsegugy 35 no.5:128-129 May 54.

1. Kozlemeny az "elmezestudomanyi Intezetbol (igazgalo: Tarjan  
Robert dr.)  
(FOOD, bacteriology,  
onset of spoiling after bact. infect.)

M. M. (M. d.)

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

SHANTHA, J. Microbiological examination of red pepper sorts and other species. p. 30.

Monthly List of East European Acquisitions (EEAI) 1C, Vol. 1, No. 5,  
May 1959, Unclass.

SZABO, Istvan, Dr.; SZANTHA, Janos

Tuberculosis contamination of cow milk in Hungary, *Nepeszeszenye* 39  
no. 5-6: 140-142 May-June 58.

1. Kozlemenye az Orszagos Koranyi Tbc. Intezet (igazgato: Boszormenyi  
Miklos dr.; kandidatus, tudomanyos vezeto: Foldee Istvan dr. kandidatus)  
diagnosztikai laboratoriumabol (vezeto: Szabo Istvan dr.) es az Orszagos  
Elelmezés-es Taplakozastudomanyi Intezethol ( igazgato: Tarjan Robert  
dr. kandidatus).

(MILK, microbiol.

M. Tuberc., incidence in Hungary & detection methods (Hun))

(MYCOBACTERIUM TUBERCULOSIS

in milk, incidence in Hungary & detection methods (Hun))

BLUMUTH, J.; KOMI, M.

The use of microorganisms as an analytical tool. p. 67

Budapest, Hungary. Műszaki Kiadó. Budapest, 1959.

Monthly list of East European Accession (M&I) LC, Vol XXXX, No. 9, Feb. 1960

Encl.

HUNGARY

DEREVENKO, V., SZANTAY, J., DEREVENKO, P.; Nuclear Medical Department of the 2nd Clinical Block of Cluj-Kolozsvar (Cluj-Kolozsvari 2. sz. Klinikai tomb Nuklearis Orvosi osztalya) and the Physiological Institute (Elettani Intezet), Cluj-Kolozsvar.

"Determination of Adrenal Function with Phosphorus-32."

Budapest, Kiserletes Orvostudomany, Vol 15, No 2, Apr 63, pp 113-118.

Abstract: [Authors' Hungarian summary] Pharmacological and physical stress which causes an endogeneous ACTH [Adrenocorticotrophic hormone] secretion leads to an increase in P-32 incorporation into the adrenals of white rats. This increase of P-32 incorporation is sensitively mirrored in the rise of the adrenal P-32/blood P-32 and in the adrenal P-32/plasma P-32 ratios. The effect of exogenous ACTH is identical with the effect of exogenous ACTH while the effect of pantopon is an opposite one. The rise in P-32 incorporation and the drop in the adrenal ascorbic acid level suggest a connection between them. The results lead to the conclusion that the adrenal P-32 incorporation is a measure of the metabolism of the organ to the extent that these metabolic processes are related

1/2

SZANTAY, Janos; K. ALANIA, Valeria; URAY, Zoltan

Experiences with radiochromatographic analysis of metabolic products of S35-labeled methionine. Kiserl. orvostud. 15 no.6:  
658-653 D '63.

1. Cluj-kolozsvari Nuklearis Orvosgyogyaszati Osztaly.  
(URINE) (SULFUR ISOTOPES) (CHROMATOGRAPHY)  
(METHIONINE) (CYSTINE) (AMINO ACIDS)

RUMANIA / Chemical Technology, Chemical Products and Their  
Application. Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Rof Zhur - Khimiya, No 5, 1959, №. 16515

Author : Martonfi, L.; Fulop, L.; Sarudi, L.; Szantho, E.

Inst : Not given

Title : Problems in the Preparation and Stabilization of Oily  
Contrasting Preparations

Orig Pub : Rev. mod. (R.P.R.), 1956, 2, № 3, 73-74

Abstract : The investigation covers possibilities of substitution of  
poppy seed and sesamo oils in the contrasting prepara-  
tions (CP). A method of obtaining CP from sunflower  
seed oil is reported. The obtained CP preparation  
conforms with the requirements of the VIII Soviet  
Pharmacopea in the matter of iodine content, impurities,  
and stability. -- E. Nathkein

Card 1/1

H-58

SZANTHO, Istvan, okleveles géposztárnok

Own consumption of the future steam power plants. Energia és atom  
15 no.6:237-243 Je '62.

1. Eromu Tervezo Iroda.

SZANTHO, Istvan

"Some achievements in testing the application of liquid  
fuels in power plants" by R.E. Dow, G.W. Harding.  
Reviewed by Istvan Szancho. Energia es atom 16 no.10/11  
493 O '63.

SZANTHO, Istvan

"Experiences obtained in power plants operating at  
600° C fresh steam temperature" by P. Profos. Reviewed  
by Istvan Szantho. Energia es atom 16 no.10/11 493-494  
O '63.

L 01072-66 EWT(m)/EFF(n)-2/T

ACCESSION NR: AP4049829

BU/0008/64/000/011/0525/0533

AUTHOR: Szantho, I. (Graduate mechanical engineer)

TITLE: The possibilities of further improvement of gas-cooled electric power generating atomic reactors

19

23  
22  
B

SOURCE: Energia es atomtechnika, no. 11, 1964, 525-533

TOPIC TAGS: nuclear reactor, gas cooled nuclear reactor, nuclear power reactor, gas turbine

ABSTRACT: The article surveys the gas-cooled electric power generating reactors already in operation to date, principally in England and the United States, discusses the characteristics of gas-cooled reactors and technical development trends of efforts to improve them. From the material discussed it is concluded that the possibility of using high-efficiency, stable atomic gas turbines has been established from the technical point of view, and that the economical perspectives are at least encouraging. The materials used in the construction of gas turbines themselves will have to become cheaper if atomic gas turbines are to play any significant role in the future.

Card 1/2

L 01072-66

ACCESSION NR: AP4049829

ASSOCIATION: Eromu es Halozat Tervező Vallalat (Electric Power Generating and Network Design Enterprise)

SUBMITTED: 00

ENCL: 00

SUB CODE: NP, PR

NO REF Sov: 000

OTHER: 000

Card 2/2 DP

CZARNIHO, Istvan, okleveles gépészmechanikus

Possibilities for further development of gas-cooled power reactors. Pt.2. Műrgiai es atom 17 no.12:572-583 D '64.

1. Power Plant and Network Designing Enterprise, Budapest.

SZANTHC, V., FARKAS, L.

Investigation of the glycosides of Baptisia tinctoria L. I. Simplified synthesis  
of pseudohaptigenin. p.217

ACTA CHIMICA. Budapest, Hungary. Vol. 19, n. 2/3, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959

Uncl.

FARKAS, Lorand; SZANTHO, Vilma

Investigation of glycosides of *Baptisia tinctoria* L. Pt. 1. Magy  
kem folyoir 65 no.3:91-94 Mr '59.

1. Budapesti Műszaki Egyetem Szerves Kemiai Tanszék.

SZANTNER, Mihaly

Analysis of the dispersion of performance percentage.  
Munka szemle 8 no.11:29-32 N '64.

SZANTO, Andras, dr.

Roentgenological diagnosis of mitral valve calcifications.  
Magy. radiol. 12 no.2:92-97 Je '60.

1. A Budapesti Orvostudomanyi Egyetem, IV. Sebészeti Klinikaja  
(igazgató: Kudasz, József, dr., egyetemi tanár) röntgenlaborator-  
iumanak (vezető: Jona, István, dr., egyetemi docens) közleménye.  
(MITRAL STENOSIS radiogr.)  
(CALCIFICATION radiogr.)

~~SZANTO, Andras, dr.; ERDELYI, Lasslo, dr.; PINTER, Endre, dr.~~

Unilateral clear picture of the lung in atresia of the pulmonary artery. Magy radiol. 12 no.4:222-225 N°60.

1. A Budapesti Orvostudomanyi Egyetem, IV. sz. Sebeszeti Klinikajának kozleménye. Igazgató: Kudasz József dr. egyetemi tanár.  
(LUNGS radiog)  
(PULMONARY ARTERY abnorm)

RUMANIA / Chomical Technology, Chomical Products and Their  
Application. Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16510

Author : Szanto, A.; Cretu, V.; Constantinescu, V.

Inst : Not given

Title : Experionco of the Kluzhskaya Oblast Apothecaries in the  
Preparation of Injoection Serums

Orig Pub : Farmacia (Romin), 1957, 5, 442-455

Abstract : The sanitary and economical feasibilities of the prepara-  
tion of injoection serums and solutions in apothecaries  
depends exclusivoly on the appropriate development of  
optimum methods employed in their preparation under the  
conditions of limited equipment availability in local  
apothecaries. In conjunction with the detailed description  
of requiroments imposed by the above products, the  
article describes in detail methods involved in the

Card 1/2

H-56

SZANTO, Andras; TOROCSESNYIKOV, N. Sz. [Torocheshnikov, N.S.]

Adsorption properties of zeolites on the Csodi Hill. Magy kem lap  
19 no.6:297-298 Je '64.

1. Chair of Inorganic Chemical Technology, Mendeleev College of  
Chemical Technology, Moscow.

GOR NAGY, Sandor; SZANTO, Andras

Main trend in developing the nitrogen industry in Hungary.  
Magy kem lap 19 no.10/11:509-515 O-N '64.

1. Chemical Industry Trust, Budapest.

VARGA, Mihaly; SZANTO, Attila

TERTA 1051 type transistor ultrashort wave portable radio sets. Radiotechnika 15 no.1:8-10 Ja '65.

SZANTO, Dezso, dr.; SIMKO, Borbala,dr.

Endocardial fibroelastosis in an infant diagnosed intra vitam.  
Orv. hetil. 106 no.27:1282-1283 4 Jl'65.

1. Miskolc Varosi Tanacs, Semmelweis Korhaz, Rontgen Osztaly  
(foorvos: Buday, Istvan dr.) e Gyermekosztaly (foorvos: Velkey,  
Laszlo,dr.).

Internal Medicine

HUNGARY

SZANTO, Dezso, Dr; City Council of Miskolc, Semmelweis Hospital, Radiology  
(chief physician: BUDAY, Istvan, Dr) (Miskolci Varosi Tanacs, Semmelweis  
Korhaz, Rontgenosztaly).

"Orthostatic Albuminuria Accompanying Baastrup's Disease (Osteoarthritis  
Interspinalis) in Two Young Patients."

Budapest, Orvosi Hetilap, Vol 107, No 46, 13 Nov 66, pages 2193-2195.

Abstract: [Author's Hungarian summary] The case of two young women is  
described whose ~~backache~~ was caused by osteoarthritis interspinalis, a  
disorder relatively rare in the third decade of life. Orthostatic albumin-  
uria was also present in both cases. The coincidence is obviously related  
to the structural make-up of the patients. 6 Hungarian, 17 Western references.

SZANTÓ, E. - Vol. 5, no. 5, May 1955. - Kozlekedestudományi Szemle.

Indexes for truck exploitation. p. 185.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

SZANTO, E.

Survey of work productivity in automotive enterprises. p. 18.  
KOZLEKEDESTUDOMANYI SZFMLE. (Kozlekedesi Kiado) Budapest. Vol. 6, No. 1,  
Jan. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, No. 6, June 1956

SZANTO, E.

Economically efficient distance of transportation by truck trains. p. 65.

KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedes-es Koslekedesepitestudomanyi Egyesulet)  
Budapest, Hungary, Vol. 9, No. 1/2, Jan./Feb. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.  
UNCL

BACS, Laszlo; GYARMATI, Jozsef; MAROTI, Ferenc; SZANTO, Andras; ALMASI, Lajos

Two decades of the heavy chemical industry. Magy kem lap 20 no.4:  
212-217 Ap '65.

1. Chemical Industry Trust, Budapest (for Bacs, Gyarmati, Szanto,  
and Almasi). 2. Budapest Chemical Works (for Maroti).

SZANTO, Emil, dr., okl. gepezmernok

Operational research problems in motor vehicle transportation :  
a model for service schedule. Kozl tud sz 12 no.3:101-106 Mr '62.

1. Autokozlekedesi Tudomanyos Kutato Intezet tudomanyos fomunkatarsa

SZANTO, Emil, dr., tanszekvezeto tanar

Basic elements of the theory of queuing. Koal tud sz 13  
no.4:145-151 Ap. '63.

1. Felsofoku Gepjarmukozlekedesi Technikum.

ACZEL, Gyorgy, dr.; SZANTO, Emil, dr.

Some problems relating to the management of large industrial enterprises. Elelm ipar 18 no.11:1-5 J'64.

1. Elelmezesugyi Miniszterium.

SZANTO, Erich

New wrapping technique for lumber. Drevo 19 no. 3:116-117

Mr'64

1. Research Institute of the Cellulose Industry, Bratislava.

SZANTO, Erich

Comparison of various pulping processes with regard to their bleaching capacity. Papir a celulosa 19 no. 7:183 Jl '64.

Sulfite cellulose on the threshold of a new development.  
Ibid.:204

Use of sulfite waste liquor. Ibid.:204

A new pulping process of the Domtar Paper Factory. Ibid.:204

Situation of the cellulose industry in Western Europe. Ibid.:210

SZANTO, Erich

The future of research. Papir a celulosa 19 no.10:275, 285 0 '64.

SZANTO, Endre

LACKO, Ede; SCHWEIGER, Otto; SERENYI, Pal; SZANTO, Endre

Clinical experiences with viomycin therapy of lung patients.  
Tuberkulozis 10 no.5-6:121-122 May-June 57.

1. Az Orszagos Koranyi Tbc. Intezet (Igazgato: Seri Istvan dr.)  
kozleménye.

(TUBERCULOSIS, PULMONARY, ther.  
viomycin (Hun))

(VIOMYCIN, ther. use  
tuber., pulm. (Hun))

~~SZANTO, Endre~~

KALIOS, Zsuzsa; MARTON, Sandor; ~~SZANTO, Endre~~

ACTH and cortisone in pulmonary tuberculosis. *Tuberkulosis* 10 no.5-6:  
123-128 May-June 57.

I. Az Orszagos Koranyi TBC Intezet (tudomanyos vezetor: Sebok Lorant dr.)  
II. belosztalyanak (foorros: Marton Sandor dr.) es I. V. belosztalyanak  
(foorros: Szanto Endre dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY, ther.

ACTH & cortisone combined with antituberculotic drugs,  
indic. & clin. evaluation (Hun))

(ACTH, ther. use  
tuberc., pulm., combined with antituberculotic drugs, indic.  
& clin. evaluation (Hun))